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J1132 U.S. PTO



02/12/02

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12 February 2002

INTELLECTUAL PROPERTY LAW

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Assistant Commissioner for Patents
Washington, D.C. 20231

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☐ Via Facsimile No. _____
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Attorney Docket: P56603

Sir:

Submitted herewith is the following patent application:

Inventor: 1) WON-CHOUL YANG

Title: METHOD AND APPARATUS FOR DETERMINING DISK
DRIVE PARAMETER IN ACCORDANCE WITH AMBIENT
TEMPERATURE

Please find attached hereto an application for patent which includes: Specification and Abstract,
Claims, and original Declaration And Power of Attorney, Assignment, and a certified copy of
the foreign priority documents identified below:

Verified Showing of Small Entity Status: **NO**

Drawings: Formal drawings, 4 sheets, Figures 1 and 4

Claim of priority under 35 U.S.C. §119(e): **YES**

** The Republic Of Korea Application No. 2001-8138 filed on 19 February 2001

FEE (see formula below): CHECK IS NOT ENCLOSED (#42026 & #42027)

Basic Fee \$370/740 **\$740.00**

Additional Fees:

Total number of claims in excess of 20: ___ times \$9/18 . **\$0.00**

Number of independent claims in excess of 3: ___ times \$42/84 **\$0.00**

Multiple Dependent Claims \$135/270 **\$0.00**

An Assignment is likewise enclosed: Recording Fee \$40 .. **\$40.00**

Information Disclosure Statement (with 1 reference). . . **\$0.00**

Filing Non-English specification **\$0.00**

TOTAL FEES FOR THE ABOVE APPLICATION **\$780.00**



02/12/02

PTO/SB/17 (08-00)

Approved for use through 9/30/2000 OMB 0651-0032
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

Patent fees are subject to annual revision.

Complete If Known

| | |
|-------------------------|--------------------|
| Application Number | to be assigned |
| Filing Date | 12 February 2002 |
| First Named Inventor | WON-CHOUL YANG |
| Examiner Name | to be assigned |
| Group/Art Unit | to be assigned |
| TOTAL AMOUNT OF PAYMENT | (\$) <u>780.00</u> |
| Attorney Docket No. | P56603 |

METHOD OF PAYMENT (check one)**FEE CALCULATION (continued)**1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:**3. ADDITIONAL FEES**Deposit Account Number: 02-4943
Deposit Account Number: _____

| Large Entity Fee Code | Small Entity Fee Code | Fee (\$) | Fee (\$) | Fee Description | Fee Paid |
|-----------------------|-----------------------|----------|----------|-----------------|----------|
|-----------------------|-----------------------|----------|----------|-----------------|----------|

☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.☐ Applicant claims small entity status. See 37 CFR 1.27

| | | | | | |
|-----|-------|-----|-------|--|----|
| 105 | 130 | 205 | 65 | Surcharge-late filing fee or oath | \$ |
| 127 | 50 | 227 | 25 | Surcharge-late provisional filing fee or cover sheet | \$ |
| 139 | 130 | 139 | 130 | Non-English specification | \$ |
| 147 | 2,520 | 147 | 2,520 | For filing a request for reexamination | \$ |

**2. Payment Enclosed:
(CHECK #42026 & #42027)**☒ Check ☐ Credit Card ☐ Money Order ☐ Other**FEE CALCULATION**

| Large Entity Fee Code | Small Entity Fee Code | Fee (\$) | Fee (\$) | Fee Description | Fee Paid |
|-----------------------|-----------------------|----------|----------|------------------------|--------------------------|
| 101 | 740 | 201 | 370 | Utility filing fee | \$740.00 |
| 106 | 330 | 206 | 165 | Design filing fee | \$ |
| 107 | 510 | 207 | 255 | Plant filing fee | \$ |
| 108 | 740 | 208 | 370 | Reissue filing fee | \$ |
| 114 | 160 | 214 | 80 | Provisional filing fee | \$ |
| SUBTOTAL (1) | | | | | (\$)<u>740.00</u> |

2. EXTRA CLAIM FEES

| | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|--------------------|----------|
| Total claims | 17 | -20** = 0 x 18 = 0 | |
| Independent Claims | 3 | -3** = 0 x 84 = 0 | |

Multiple Dependent =

** ar number previously paid, if greater; For Reissues, see below

| Large Entity Fee Code | Small Entity Fee Code | Fee (\$) | Fee (\$) | Fee Description |
|-----------------------|-----------------------|----------|----------|--|
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 |
| 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid |
| 109 | 84 | 209 | 42 | ** Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)0.00

| | | | | | |
|-----|---------|-----|--------|--|----------|
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | \$ |
| 113 | 1,840 * | 113 | 1,840* | Requesting publication of SIR after Examiner action | \$ |
| 115 | 110 | 215 | 55 | Extension for reply within first month | \$ |
| 116 | 400 | 216 | 200 | Extension for reply within second month | \$ |
| 117 | 920 | 217 | 460 | Extension for reply within third month | \$ |
| 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | \$ |
| 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | \$ |
| 119 | 320 | 219 | 160 | Notice of Appeal | \$ |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | \$ |
| 121 | 280 | 221 | 140 | Request for oral hearing | \$ |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | \$ |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | \$ |
| 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | \$ |
| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | \$ |
| 143 | 460 | 243 | 230 | Design issue fee | \$ |
| 144 | 620 | 244 | 310 | Plant issue fee | \$ |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | \$ |
| 123 | 50 | 123 | 50 | Petitions related to provisional applications | \$ |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Statement | \$ |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (Times number of properties) | \$ 40.00 |
| 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 C.F.R. §1.129(a)) | \$ |
| 149 | 740 | 249 | 370 | For each additional invention to be examined (37 C.F.R. §1.129(b)) | \$ |

Other Fee (specify) _____ \$

Other Fee (specify) _____ \$

** Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$40.00**SUBMITTED BY****Complete (if applicable)**

| | | | |
|-----------------------|--------------------------|-------------------------|------------------|
| Typed or Printed Name | Robert E. Bushnell, Esq. | Reg. Number | 27,774 |
| Signature | | Date | 12 February 2002 |
| | | Deposit Account User ID | |

REB/mn

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Assistant Commissioner for Patents
12 February 2002
Page Two

Docket No.: P56603

Inventor: 1) WON-CHOUL YANG

Title: METHOD AND APPARATUS FOR DETERMINING DISK
DRIVE PARAMETER IN ACCORDANCE WITH AMBIENT
TEMPERATURE

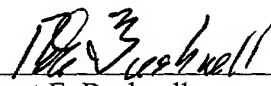
Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

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Respectfully submitted,



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